**Algebra 1B Name:**

**Review Week Day #1 Date:**

1. Convert the following equation into slope intercept form.

5x + 10y = 20

2. Write the equation for the line in slope-intercept form that passes through (6, -4) and (4, 8).

3. **Use the graph of f(x) and the equation g(x) find the following values.** (+ 1 pt each)

|  |  |
| --- | --- |
| **f(x)** | **g(x) = 7x – 6** |
| f(2) | g(2) |
| f(-1) | g(-1) |

**Algebra 1B Name:**

**Review Week Day #2 Date:**

**Simplify using exponent rules:**

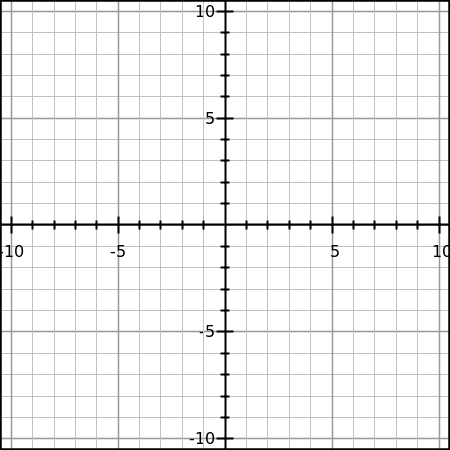
|  |  |
| --- | --- |
| 1. (5x3)2(z0) | 2. |

3. Simplify the following polynomial:

4. Jack deposits $3,455 into a savings account with a 2.4% each month. Assuming Jack makes no deposits or withdrawals, how much money will be in Jack’s account after 2 years? Write and solve an exponential growth equation in order to solve the problem. Round to the nearest cent, if necessary.

**Algebra 1B Name:**

**Review Week Day #3 Date:**

1. Graph the following *system* of linear *inequalities*.

2. a. What does it mean to be a SOLUTION to an equation?

b. Linear equations only have ONE solution. What kind of mathematical functions can have more than one solution? Why?

3. Solve the following quadratic using FACTORING by GROUPING.